

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of the Claims:

1. (Currently Amended) A method comprising:

~~determining a power state of a first system, the power state to be one of at least a first and second power states, first system Advanced Configuration and Power Interface Specification (ACPI) state, the ACPI states including a first power on state, a second power state, and a power off state, the second power state to consume less power than the first power state; and~~

~~in response to the system being in the second power state, switching a parallel Advanced Technology Attachment (PATA) link from the first system to a link with an autonomous subsystem between two devices, the switching based upon the ACPI state.~~

2. (Currently Amended) The method according to claim 1, wherein the ~~power state is power state of an Advanced Configuration Power Interface Specification (ACPI) state is selected from the group consisting of S0, S1, S2, S3, S4, and S5.~~

3. (Canceled)

4. (Canceled)

5. (Currently Amended) The method according to claim 24, wherein:

if the ACPI state is S0, S1, or S2 then the PATA is switched to the first system;
and

if the ACPI state is S3, S4, or S5 then the PATA is switched to the subsystem.

6. (Currently Amended) The method according to claim 24, wherein:

if the ACPI state is S0, or S1 then the PATA is switched to the first system; and
if the ACPI state is S2, S3, S4, or S5 then the PATA is switched to the subsystem.

7. (Currently Amended) A machine-readable medium having stored thereon
instructions, which when executed by a processor, causes said processor to
perform the following:

determine a power state of a first system, the power state to be at least one
of a first and second power states, first system Advanced Configuration and
Power Interface Specification (ACPI) state, the ACPI states including a first
power on state, a second power state, and a power off state, the second power
state to consume less power than the first power state; and

in response to the system being in the second power state, switch a

parallel Advanced Technology Attachment (PATA) link from the first system to a link with an autonomous subsystem between two devices, based upon the ACPI state.

8. (Canceled)

9. (Currently Amended) A system comprising:

a Parallel Advance Technology Attachment (PATA) device connected to a switch; and

a switch to connect the system to the PATA device when the system is in a first power state, and the switch to connect an autonomous subsystem to the PATA device when the system is in a second power state, the second power state to conusme less power than the first power state.

~~a first system to connect to the PATA device through the switch; and~~
~~a subsystem to connect to the PATA device through the switch; the switch to switch between the first system and the subsystem based on an Advanced Configuration and Power Interface Specification (ACPI) state, the ACPI states including a first power on state, a second power state, and a power off state, the second power state to consume less power than the first power state.~~

10. (Currently Amended) The system of claim 9, wherein the switch connecting the PATA device does not connect both the ~~first~~ system and the

subsystem to the PATA device simultaneously.

11. (Currently Amended) The system of claim 9, wherein the switch operation is controlled by signals from the ~~first~~ system.

12. (Currently Amended) An apparatus comprising:

means for determining a power state of a first system, the power state to be one of at least a first and second power states, first system Advanced Configuration and Power Interface Specification (ACPI) state, the ACPI states including a first power on state, a second power state, and a power off state, the second power state to consume less power than the first power state; and

means for switching a parallel Advanced Technology Attachment (PATA) link from the first system to a link with an autonomous subsystem in response to determining the first system is in the second power state between two devices based upon the ACPI state.

13. (Original) The apparatus of claim 12, wherein means for switching further comprises a mutually exclusive switching means to a plurality of destinations.

14. (Currently Amended) The apparatus of claim 12, wherein the power state is power state of an Advanced Configuration Power Interface Specification (ACPI) state is selected from the group consisting of S0, S1, S2, S3, S4, and S5.

15. (Previously Presented) The apparatus of claim 12, wherein the means for switching the PATA determine whether to switch based upon signals from the first system.